Stained-Glass Window Contour Drawing: Lead-Line Structure

Original task 1 / independent drawing and calculation

Task 1

On a 100 mm by 100 mm square, draw an outer frame with a 3 mm width and internal lines with a 2 mm width (hypothetical examples). Create exactly 4 glass pieces using one vertical line and one horizontal line. Check closure and measure three internal lines.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw a rectangular frame 80 mm wide and 120 mm tall with a 3 mm frame width and 2 mm internal width (hypothetical examples). Add one vertical line and two horizontal lines to create 6 pieces. Then add one short internal line inside the top-left piece that connects two existing lines, creating 7 pieces total. Check closure and count.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Create a contour with exactly 8 glass pieces on a 120 mm by 120 mm square. Use a 3 mm frame and 2 mm internal lines (hypothetical examples). Include at least one curved lead line. Check closure, measure four internal lines, and write a design note with piece count, curved line count, and straight line count.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Stained-Glass Window Contour Drawing: Lead-Line Structure

Original task 4 / independent drawing and calculation

Task 4

Draw a contour with 10 glass pieces on a 140 mm by 100 mm rectangle. Use a 3 mm frame and 2 mm internal lines (hypothetical examples). Include two curved lines. After drawing, intentionally leave one gap in a lead line, then find and fix it. Check closure and recount.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.